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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Valerie Andre
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	1	Attorney Docket Number	12810-00346-US1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
1	6,710,091	03-23-2004	Womelsdorf et al.		
2	6,218,459	04-17-2001	Gruning et al.		
3	5,032,390	07-16-1991	Iwaya et al.		
4	5,527,519	06-18-1996	Miksits et al.		
5	6,710,091	03-23-2004	Womelsdorf et al.		
6	5,593,781	01-14-1997	Nass et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)			
7	DE 33 14742 A1	10-25-1984	Degussa AG	Applicant's description only	
8	DE 199 07 704 A1	08-24-2000	Bayer AG	English counterpart	
9	DE 198 22 603 A1	11-25-1999	Th. Goldschmidt AG	"	
10	DE 36 42794 A1	06-19-1987	Kao Corp.	"	
11	EP 0 603 627 A1	06-29-1994	Bayer AG	"	
12	JP-07232919 - Abstract	02-22-1994	Nippon Shokubai Co.		
13	JP-04164814 - Abstract	10-30-1990	Mitsubishi Materials Corp		
14	WO 00/50503	08-31-2000	Bayer AG	English counterpart	
15	WO 93/21127	10-28-1993	Institut Fur Neue Materialien	"	
16	WO 97/16156	05-09-1997	Sunsmart Inc.		
17	WO 98/13016	04-02-1998	Proctor & Gamble Co.		
18	WO 00/59985	10-12-2000	National Starch		

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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
19		L. Brus, "Electronic Wave Functions in Semiconductor Clusters: Experiment and Theory", J. Phys. Chem., 1986, Vol. 90, pgs. 2555-2560			
20		Guo, et al., "Synthesis and Characterization of Poly(vinylpyrrolidone)-Modified Zinc Oxide Nanoparticles", Chem. Mater., Bd. 12, 2000, pgs. 2268-2274			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature 490040	/Barbara S. Frazier/	Date Considered	02/26/2008
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.S.F.